

Abstract

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METHOD AND DEVICE FOR THE ACQUISITION AND
TREATMENT OF DENTAL IMAGES

Abstract of the Invention

A method and device for the acquisition and treatment of dental images, comprising means for the excitation of a region of a tooth using monochromatic ultraviolet light pulses alternating with visible light pulses, video means for taking images of the fluorescence emitted by the tooth in two high and low energy wavelength bands of the emission spectrum and means for processing the information in order to compare the spectral intensities of the fluorescence in said two wavelength bands and to ascertain the presence or absence of caries in the examined region of the tooth.